

**SUBSTITUTE SPECIFICATION**

## Abstract

The present invention discloses a process for producing an aliphatic dicarboxylic acid compound, which comprises  
5 oxidizing, with a nitrite or a nitrate in the presence of trifluoroacetic acid, an alicyclic secondary alcohol compound or an alicyclic ketone compound, in each of which at least one methylene group is bonded to the carbon atom having hydroxyl group bonded thereto or the carbon atom as a member of carbonyl  
10 group, wherein the reaction is conducted in the presence of water of 5 mass % or less relative to 100 mass % of the total of the trifluoroacetic acid and the water.